

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 03/086737 A1

(51) International Patent Classification⁷: B29C 63/12, 63/08, E02B 3/12, 5/02

(74) Agent: WATERMARK PATENT & TRADEMARK ATTORNEYS; 290 Burwood Road, Hawthorn, VIC 3122 (AU).

(21) International Application Number: PCT/AU03/00425

(22) International Filing Date: 9 April 2003 (09.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PS 1672 10 April 2002 (10.04.2002) AU

(71) Applicant (for all designated States except US): GOODSTONE INTERNATIONAL PTY LTD. [AU/AU]; 83-85 Banbury Road, Reservoir, VIC 3073 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): JOHNSTONE, Peter, James [AU/AU]; 83 Banbury Road, Reservoir, VIC 3073 (AU).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

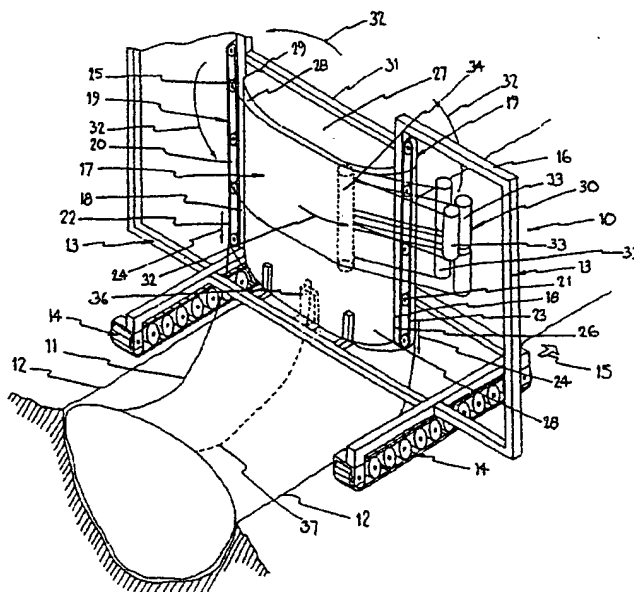
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: LAMINATED SHEET FOR LINER APPLICATIONS



(57) **Abstract:** This specification discloses apparatus and a method for producing a laminate material whether perforate or imperforate, the apparatus including a support frame (13, 50) having laminate take off means (19) in the form of at least two conveyors (21, 21, 54, 44) having outwardly facing conveyor runs (22, 23, 56, 57) that are generally parallel to one another and carriage means (30, 61, 62) arranged to travel about said laminate take off means (19) to dispense one or more webs about said laminate take off means (19) to form the laminate material in tubular form thereon and, in one embodiment, longitudinally severing the tubular formed laminate material to form a single layer of the laminate material.

WO 03/086737 A1